

DELHI PUBLIC SCHOOL, JAMMU

SESSION :2021-2022

(FOUNDATION WORKSHEET)

CLASS: V

SUBJECT: MATHS

Do you remember

Q1 a) The largest 5-digit number is _____

b) The smallest 6-digit number is _____

INDIAN PLACE VALUE SYSTEM

PERIOD	LAKHS		THOUSANDS		ONES		
PLACES	T	L	T	Th	H	T	O
	1	3	4	5	6	9	2

- We separate the periods by a comma
13,45,692 – Thirteen lakh forty five thousand six hundred ninety two.

Q1 Write the numerals in words using Indian Place Value system

- 25,06,321
- 54,12,890
- 16,30,459
- 71,45,042

Q2 Write the following in figures

- Sixty five lakh.
- Thirty six lakh forty thousand ten.
- Ninety nine lakh ninety nine thousand nine hundred ninety nine.
- Eighty two lakh one thousand six.

INTERNATIONAL PLACE VALUE SYSTEM

PERIOD	MILLIONS	THOUSANDS	ONES
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PLACES	HM	TM	M	H Th	T Th	Th	H	T	O
			4	5	6	3	2	1	7

- We use a comma to separate periods.

4,563,217 – Four million five hundred sixty three thousand two hundred seventeen

Q1 Write the numbers in words using International Place Value System

- 4,593,201
- 649,328
- 3,401,592
- 1,025,621

Q2 Write the following in figures

- Eight million six hundred forty five thousand three hundred twenty seven.
- Six million thirty two thousand three hundred
- Four million five thousand eight hundred twenty one.
- One million five hundred sixty thousand ninety nine.

FACE VALUE AND PLACE VALUE

- The face value of a digit is the value of the digit itself irrespective of its place in the number.
- Place value of a digit = Face value of the digit x Value of the place -
- it occupy in the place-value chart

e.g.-36,49,321

Face value of 6 = 6

Place Value of 6 =6,00,000

Q1 Find the place value of

- a) 7 in 4,57,321
- b) 3 in 23,40,689
- c) 2 in 43,21,407
- d) 5 in 31,49,589

Q2 Find the sum of the place value of two 7s in 87,37,421 .

Q3 Find the product of the place value and face value of 2 in the number 6,28,398 .

EXPANDED FORM

- Expanded form of a number is the sum of the place values of its digits .

e.g. $57,48,932 = 50,00,000 + 7,00,000 + 40,000 + 8,000 + 900 + 30 + 2$

Q1 Write the expanded form

- a) 34,89,021
- b) 89,99,999
- c) 72,12,589
- d) 15,29,328

Q2 Write the following numbers in short form

- a) $60,00,000 + 7,00,00 + 30,000 + 2,000 + 900 + 50 + 8$
- b) $90,00,000 + 9,000 + 900 + 9$

SUCCESSOR AND PREDECESSOR

- The successor of a given number is 1 more than the number. It comes just after the given number.
- The predecessor of a given number is 1 less than the number. It comes just before the given number.

PREDECESSOR	NUMBER	SUCCESSOR
78,64,379	78,64,380	78,64,381

ASCENDING AND DESCENDING ORDER

- Ascending order is from smallest to biggest number.
- Descending order is from biggest to smallest number

Q1 Write the predecessor and successor of the following:

- 7,43,219
- 4,329,829
- 25,64,325
- 7,438,121

Q2 Arrange in ascending order

- 49,32,159 ; 94,32,159 ; 39,32,159 ; 93,32,159
- 9,562,131 ; 9,652,131 ; 7,652,131 ; 9,752,131

Q3 Arrange in descending order

- 74,32,891 ; 79,32,891 ; 97,32,891 ; 98,32,891
- 4,549,320 ; 4,954,320 ; 4,984,320 ; 4,154,320

Q4 Write the smallest and greatest 7-digit number (you may repeat the digit) using the digits

9, 1, 0, 5, 4 and 2

ADDITION

e.g. Find the sum of

64,59,321 and 22,18,501

	TL	L	TTh	Th	H	T	O	
	6	4	5	9	3	2	1	← Addend
+	2	2	1	8	5	0	1	← Addend

	8	6	7	7	8	2	2	← Sum

$$64,59,321 + 22,18,501 = 86,77,822$$

Q1 Find the sum

- a) 5,72,312 and 3,17,298
- b) 3,52,813 and 2,07,005
- c) 2,80,315 and 4,74,521
- d) 4,97,521 and 6,84,329

SUBTRACTION

e.g. Subtract

10,32,450 from 32,72,438

	TL	L	TTh	Th	H	T	O	
	3	2	7	2	4	3	8	← Minuend
-	1	0	3	2	4	5	0	← Subtrahend

	2	2	3	9	9	8	8	← Difference

$$32,72,438 - 10,32,450 = 22,39,988$$

Q1 Subtract

- a) 12,88,686 from 45,68,923
- b) 32,15,492 from 90,00,000
- c) 18,54,321 from 66,66,666
- d) 34,89,020 from 89,31,200

MULTIPLY

e.g. Multiply

$$6746 \times 142$$

$$\begin{array}{r} 6743 \leftarrow \text{Multiplicand} \\ \times 142 \leftarrow \text{Multiplier} \\ \hline 13486 \\ 26972 \times \\ 6743 \times \times \\ \hline 957506 \leftarrow \text{Product} \end{array}$$

$$6743 \times 142 = 9,57,506$$

Q1 Multiply

- a) 4121×45
- b) 6959×99
- c) 4229×129
- d) 1278×321